

CLAIMS

What is claimed is:

- Sub 1*
Q3
1. A system, comprising:
 - an intranetwork;
 - an extranetwork coupled to the intranetwork;
 - a first host digital processing system coupled to the intranetwork, the first digital processing system having performance parameters; and
 - a first remote digital processing system coupled to the extranetwork to monitor a performance parameter, the first remote digital processing system coupled to the extranetwork at a first location similar to that of a first expected user of the first host digital processing system.
 2. The system of claim 1, wherein the extranetwork comprises a first backbone network and wherein the first remote digital processing system is coupled to the first backbone network.
 3. The system of claim 2, further comprising a second remote digital processing system to monitor a performance parameter of the first host digital processing system, wherein the extranetwork further comprises a second backbone network and wherein the second remote digital processing system is coupled to the second backbone network at a second location similar to that of a second expected user of the second host digital processing system.

1 4. The system of claim 2, further comprising a monitoring operations
2 center coupled to the extranetwork, the monitoring operations center to
3 receive data from the first remote digital processing system.

1 5. The system of claim 4, wherein the data includes the performance
2 parameter.

1 6. The system of claim 5, further comprising a second extranetwork
2 coupled to the first remote digital processing system and the monitoring
3 operations center, the second extranetwork to transmit the data from the
4 first remote digital processing system to the monitoring operations center.

1 7. The system of claim 6, wherein the second extranetwork is a public
2 switched telephone network.

1 8. The system of claim 6, wherein the second extranetwork is a
2 wireless network.

1 9. The system of claim 1, wherein the first remote digital processing
2 system is configured to pre-set cookies on the host digital processing
3 system.

1 10. The system of claim 9, wherein the host digital processing system
2 includes a plurality of web pages and wherein the pre-set cookies enable
3 the first remote digital processing system to access a particular one of the
4 plurality of web pages independent of another of the plurality of web
5 pages.

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- 1 11. The system of claim 1, wherein the performance parameter is a
2 timing threshold parameter.
- 1 12. The system of claim 11, wherein the timing threshold parameter is
2 a domain name system lookup time.
- 1 13. The system of claim 11, wherein the timing threshold parameter is
2 a connect time.
- 1 14. The system of claim 11, wherein the timing threshold parameter is
2 throughput.
- 1 15. The system of claim 11, wherein the timing threshold parameter is
2 a transfer rate.
- 1 16. The system of claim 11, wherein the timing threshold parameter is
2 latency.
- 1 17. The system of claim 1, wherein the performance parameter is a link
2 verification.
- 1 18. The system of claim 1, wherein the performance parameter is a
2 subsidiary page verification.
- 1 19. The system of claim 4, wherein the first remote digital processing
2 system includes a queuing client to control the transfer of data to the
3 monitoring operations center.
- 1 20. A method of network monitoring, comprising:

positioning a remote digital processing system on a backbone network remotely from a host digital processing system, the remote digital processing system position approximate that of an expected user of the host digital processing system, the host digital system coupled to the backbone network through an intranetwork; and

monitoring a performance parameter of the host digital processing system with the remote digital processing system.

21. The method of claim 20, further comprising transmitting information about the performance parameter to a monitoring operations center.

22. A method of claim 20, wherein monitoring comprises:
determining the performance parameter for monitoring;
establishing a connection with the host digital processing system;
and
performing a transaction with the host digital processing system.

23. The method of claim 22, wherein determining comprises receiving the performance parameter through a configuration interface.

24. The method of claim 22, wherein establishing comprises pre-setting cookies on the host digital processing system to enable the remote digital processing system to access data on the host digital processing system.

25. The method of claim 22, wherein the performance parameter is a timing parameter associated with the transaction and wherein the method further comprises measuring the timing parameter.

1 26. The method of claim 22, wherein the performance parameter is a
2 domain name server lookup time associated with establishing the
3 connection.

1 27. The method of claim 25, wherein measuring comprises calculating
2 a latency time.

1 28. The method of claim 25, wherein measuring comprises calculating
2 a throughput time.

1 29. The method of claim 25, wherein measuring comprises calculating
2 a connection time.

1 30. The method of claim 25, wherein measuring comprises calculating
2 a data transfer rate.

1 31. The method of claim 22, wherein the performance parameter is a
2 correctness parameter and wherein the method further comprises
3 evaluating the correctness parameter.

1 32. The method of claim 31, wherein evaluating comprises:
2 determining a positive search pattern;
3 determining a negative search pattern; and
4 comparing the positive search pattern with the negative search
5 pattern to verify the correctness of a content.

1 33. The method of claim 31, wherein evaluating comprises:
2 fetching an accessory file from a storage location; and

3 verifying that content of the accessory file is available for retrieval.

1 34. The method of claim 31, wherein evaluating comprises:
2 selecting a link on a web page; and
3 verifying that content corresponding to the web page is accessible.

1 35. A method, comprising:
2 monitoring performance parameters of a host digital processing
3 system coupled to an extranetwork using a plurality of remote digital
4 processing systems, the extranetwork comprising a plurality of backbone
5 networks, at least one of the plurality of remote digital processing systems
6 selectively coupled to at least one of the plurality of backbone networks at
7 a position approximate that of an expected user of the host digital
8 processing system.

1 36. The method of claim 35, wherein monitoring comprises:
2 evaluating the performance parameters using one of the plurality
3 of remote digital processing systems; and
4 transmitting a report on the evaluating from the one of the
5 plurality of remote digital processing systems to another of the plurality
6 of remote digital processing systems.

1 37. The method of claim 36, wherein evaluating the performance
2 parameters includes measuring a timing threshold associated with an
3 interaction with the host digital processing system.

1 38. An apparatus, comprising:

2 means for positioning a remote digital processing system on a
3 backbone network remotely from a host digital processing system, the
4 remote digital processing system position approximate that of an expected
5 user of the host digital processing system, the host digital system coupled
6 to the backbone network through an intranetwork; and

7 means for monitoring a performance parameter of the host digital
8 processing system with the remote digital processing system.

1 39. The apparatus of claim 38, wherein the means for monitoring
2 comprises:

3 means for evaluating the performance parameter; and

4 means for reporting the evaluation of the performance parameter
5 to a monitoring operations center.

1 40. The apparatus of claim 39, wherein the performance parameter is a
2 timing threshold.

1 41. The apparatus of claim 39, wherein the performance parameter is a
2 correctness parameter.